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| Journal Name: | [**Journal of Pharmaceutical Research International**](https://journaljpri.com/index.php/JPRI) |
| Manuscript Number: | **Ms\_JPRI\_131649** |
| Title of the Manuscript: | **MEDICATED CHEWING GUM: AN OVERVIEW** |
| Type of the Article | **Review Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | Author’s Feedback *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **It is good to have a review article on the importance of MCG. It can treat dental caries, local oral illnesses, elevated alertness, cognitive functions, and quitting smoking. Patients are beginning to embrace chewing gum.** | Medicated chewing gum are used in local treatment of mouth diseases. It enables faster drug absorption through oral mucosa. MCG has great patient compliance as it is used by various no. of patients for its vast applications and drug absorption . |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes, the title is suitable** | Yes |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **First sentence is better to be changed with this:** **According to the European Pharmacopoeia, Medicated chewing gum (MCG) is a non-dissolving intraoral medicine dosage form used locally to treat oral disorders or systemically after being absorbed through the buccal mucosa or gastrointestinal tract.**  **And the last one with this:** **Combining sugar-free chewing gum with floss, fluoride toothpaste, and interdental cleaners can prevent caries and gingivitis.**  **.** | Yes. It is comprehensive. |
| Is the manuscript scientifically, correct? Please write here. | Yes, it is | Yes |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | There is no reference from the last 5 years; it would be better to include and cite newer articles, mention the latest drugs delivered through gums, and discuss their action and clinical presentation. |  |
| Is the language/English quality of the article suitable for scholarly communications? | yes | Yes |
| Optional/General comments | **It should be mentioned somewhere: Caries is a multifactorial disease. That is why attention has been directed to studying the physicochemical parameters of some pharmaceutical and non-medicinal products (such as chewing gums) concerning their cariogenic potential. Such characteristics are sugar content, endogenous pH, titratable acidity, etc. Some products' erosive potential (chewing gums and others) is related to both their endogenous pH and titratable acidity. the authors have to chech the literature whether there is information about the erosive or cariogenic potential of the MCG.** | - |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)* |
| **Are there ethical issues in this manuscript?** | *(If yes, Kindly please write down the ethical issues here in details)* | No |